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(54) Title: HYBRID SYNTHESIS OF CORE/SHELL NANOCRYSTALS

(57) Abstract: Nanocrystals that include a core/shell structure in which the a core of semiconductor material is coated with an inorganic capping agent. The nanocrystals are made by initially providing nanocrystal precursors that include a solubility agent which renders the precursors soluble in an organic solvent. The nanocrystal precursors are then coated with the inorganic capping agent in the presence of an organic solvent.

WO 2005/031802 A2